



<b>UTILITY PATENT APPLICATION</b>  <b>TRANSMITTAL</b>  <i>(Only for original applications)</i>	Attorney Docket No. 392.1834  First Named Inventor or Application Identifier: Hiroshi WATANABE, et al.  Express Mail Label No.
<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> <b>Commissioner for Patents</b> <b>Box Patent Application</b> <b>PO Box 1450</b> <b>Alexandria, VA 22313-1450</b>


1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract .....[Total Pages: 28]
3. ☒ Drawing(s) (35 USC 113) .....[ Total Sheets: 12 ] [FIGS. 1-12C ]
4. ☒ Oath or Declaration .....[ Total Pages: 2 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
    - i. ☐ **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Japanese Application 2002-321441 filed November 5, 2002
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as FANUC LTD. of Yamanashi, Japan. The Assignment papers will be filed later.

  
**ACCOMPANYING APPLICATION PARTS**
  

11. ☒ Assignment (cover sheet & document(s)) to FANUC LTD. of Yamanashi, Japan
 

☒ for publication of assignee information under 37 CFR 1.215(b)
12. ☐ 37 CFR 3.73(b) Statement (*when there is an assignee*) ☐ Power of Attorney
13. ☐ English Translation Document (*if applicable*)
14. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
15. ☒ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
17. ☒ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
19. ☐ Other:

  
**20. CORRESPONDENCE ADDRESS**
  

  
**21171**  
 PATENT TRADEMARK OFFICE

<b>NEW APPLICATION FEE TRANSMITTAL</b>		Attorney Docket No.	392.1834
		Application Number	
		Filing Date	October 31, 2003
AMOUNT ENCLOSED	\$ 810.00	First Named Inventor	Hiroshi WATANABE, et al.

**FEE CALCULATION** (fees effective 10/01/03)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	17 - 20 =	0	X \$ 18.00 =	\$ 0.00
	INDEPENDENT CLAIMS	3 - 3 =	0	X \$ 86.00 =	0.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$290.00 =	
				BASIC FILING FEE	770.00
				Total of above Calculations =	\$ 770.00
	Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)				
	Reduction by 50% for filing by small entity (37 CFR 1.27).				
				TOTAL FILING FEE =	\$ 770.00
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))				
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h))				40.00
				TOTAL FEES DUE =	\$ 810.00

**METHOD OF PAYMENT**

- ☒ Check enclosed as payment.
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).

**GENERAL AUTHORIZATION**

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.

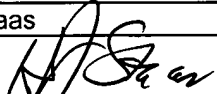
19-3935

Deposit Account Name

STAAS &amp; HALSEY LLP

- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

**SUBMITTED BY: STAAS & HALSEY LLP**

Typed Name	H. J. Staas	Reg. No.	22,010
Signature		Date	October 31, 2003